Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

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	wash	nington, D.C. 20554	FILED/ACCEPTED
In the Matter of			AUG 13 2009 Federal Communications Commission Office of the Secretary
Amendment of Section 73.622(i), DTV Table of Allotments, Television Broadcast Stations (Laurel, Mississippi))	RM	- volutetary

PETITION FOR RULEMAKING

WDAM License Subsidiary, LLC ("WDAM"), licensee of television station WDAM-TV, Laurel, Mississippi (the "Station"), respectfully requests that the Commission amend Section 73.622(i) of its rules, the post-transition DTV Table of Allotments, to replace the Channel 28 allotment for Biloxi, Mississippi, with an allotment for Channel 7. This amendment is necessary to ensure continued digital television service to many viewers of commonly-owned station WLBT(TV), Jackson, Mississippi ("WLBT") who are experiencing significant difficulties receiving that station's allotted Channel 7 DTV facility.

As WLBT's permittee explains in more detail in its contemporaneously-filed petition for rulemaking, WLBT is operating on a high-VHF channel at a low power level of 10.3 kW effective radiated power ("ERP"). A significant number of WLBT's viewers complained of a sudden inability to receive WLBT's digital signal, particularly through antennas located indoors. WLBT also learned that battery-powered receivers — even those located close to its community of license — have been unable to receive WLBT's Channel 7 signal consistently. This service loss is a particular concern because WLBT is located in an area that frequently experiences severe weather, and viewers rely on over-the-air reception of broadcast stations

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during power outages to learn about emergency conditions. WLBT's permittee has been unable to identify the root cause of these reception problems.

Because anything more than a modest increase in WLBT's ERP would cause interference to a neighboring station, WLBT's permittee is requesting authority to operate on Channel 30 at 256 kW ERP, a power level that would allow WLBT to substantially replicate its analog service area. That Channel 30 facility, however, would interfere with the Channel 28 facility operated by WDAM. In order to avoid that interference and facilitate the restoration of WLBT's digital service, WDAM accordingly respectfully requests authority to operate its DTV facility on Channel 7 at an ERP of 75 kW.

Although Channel 7 is a high-VHF channel that has been associated with reception difficulties in other stations, WDAM does not believe that the proposed facility would cause the same kinds of reception difficulties experienced by WLBT and other stations operating on high-VHF channels. This is because, in the experience of WDAM and its parent company, these kinds of reception difficulties have been faced primarily by stations with substantially lower ERPs than the 75 kW proposed in this petition. Using Channel 7 also would be beneficial in this case because an antenna that could be used to transition service to this channel quickly upon authorization already is top-mounted on the Station's tower.

If this petition is granted, WDAM intends to apply for a permit to construct a Channel 7 digital facility at an ERP of 75 kW, and it intends to apply for a license to cover that permit promptly after it is issued. The proposed construction permit and license would authorize a facility with the following specifications:

			NESC					PTV			
Facility ID	51	tate & Clay	Chan	Chan	ERE (XW)	MAAT (D)	Latitude (DDMMSS)	Longitude (DDDMMS5)	Area (ag km)	nordatica (bnesseds)	Fercent IX Received
21250	мѕ	Laurel	7	7	75	155	312712	0991705	27,955	468,693	0.7

As amended, the DTV allotment for Laurel would read as follows:

	MISSISSIPPI	
Laurel	7	

As the accompanying engineering analysis indicates, the proposed channel substitution would not cause impermissible interference to any other station in the post-transition environment. Moreover, the proposed facility is predicted to serve more than 468,000 viewers — that is, about 132 percent of the population served by WDAM's analog facility.²

Grant of this request would serve the public interest because it would ensure that WLBT viewers who have been unable to receive that station's Channel 7 broadcasts, either because of high-VHF reception issues or because they are not predicted to be served by the Channel 7 facility, would again receive digital service from WLBT. Accordingly, WDAM respectfully requests that the Commission amend Section 73.622 of its rules to substitute Channel 7 for the existing Channel 28 digital allotment at Laurel, Mississippi.

Respectfully submitted,

Jennifer A. Johnson Robert M. Sherman

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Counsel to WDAM License Subsidiary, LLC

August 13, 2009

¹ See Technical Statement of du Treil, Lundin & Rackley, Inc., attached at Exhibit A, at 2.

² *Id.*

EXHIBIT A

TECHNICAL EXHIBIT PETITION FOR RULE MAKING TO MODIFY THE DTV TABLE OF ALLOTMENTS STATION WLBT-DT JACKSON, MISSISSIPPI STATION WDAM-DT LAUREL, MISSISSIPPI

This Technical Exhibit was prepared on behalf of television stations WLBT-DT assigned to Jackson, Mississippi and WDAM-DT assigned to Laurel, Mississippi in support of a *Petition for Rule Making* to modify the respective DTV allotments for each specified station.

The Commission adopted channel 7 for WLBT's post-transition digital operation with a directional antenna maximum effective radiated power (ERP) of 7 kilowatts (kW) and an antenna height above average terrain (HAAT) of 393 meters. Due to reception problems on its VHF channel, WLBT-DT desires to propose operation on UHF Channel 30 for its final post-transition operation. Concurrently, nearby station WDAM-DT proposes to employ WLBT-DT's current Channel 7 allotment and which was WDAM-DT's former analog channel, but with a substantially greater digital effective radiated power. Therefore, both allotment proposals are technically related and may be treated concurrently.

The following details both WLBT's and WDAM's proposed modification of its Appendix B facilities.

			NTSC					DTV			
Facility ID	S	tate & City	Chan	Chan	ERP (kW)	TAAH (m)	Latitude (DDMMSS)	Longitude (DDDMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
68542	MS	Jackson	3	30	535	624	321249	0902256	42,911	916,172	0.5
21250	MS	Laurel	7	7	75	155	312712	0891705	27,855	468,693	0.7
		Each Fa	cility	Propo	ses No	on-Dire	ectional T	Cransmittir	ng Antenn	as	

The proposed WDAM-DT effective radiated power and antenna height above average terrain complies with Section 73.622(f)(7) of the Commission Rules. As for WLBT-DT, there is a larger station in the market, WJTV-DT on Channel 12 (FCC File Number: BMPCDT-20080619ABX), with an area of 45,768 square kilometers.

_Consulting Engineers

Jackson/Laurel, Mississippi Page 2

Population Served

The herein proposed WLBT-DT Channel 30 facility is predicted to serve 916,172 persons, post-transition, based upon the 2000 Census. WLBT-DT's former analog facility is predicted to serve 835,304 persons. Therefore, the herein proposed WLBT-DT facility would serve more than 100% of WLBT's associated analog population. The proposed WLBT-DT Appendix B facilities complies with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 1 to all stations.

The herein proposed WDAM-DT Channel 7 facility is predicted to serve 468,693 persons, post-transition, based upon the 2000 Census. WDAM-DT's former analog facility is predicted to serve 354,017 persons. Therefore, the herein proposed WDAM-DT facility would serve more than 100% of its associated analog population. The proposed WDAM-DT Appendix B facilities complies with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 2 to all stations.

Charles A. Cooper du Treil, Lundin & Rackley, Inc. 201 Fletcher Avenue Sarasota, Florida 34237 (941) 329-6000

August 12, 2009

TECHNICAL EXHIBIT PETITION FOR RULE MAKING TO MODIFY THE DTV TABLE OF ALLOTMENTS STATION WLBT-DT JACKSON, MISSISSIPPI STATION WDAM-DT LAUREL, MISSISSIPPI

OET-69 Allocation Analysis – WLBT-DT Jackson, Mississippi

TW Census data selected 2000 Post Transition Data Base Selected /export/home/cdbs/pt tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-12-2009 Time: 10:54:54

Record Selected for Analysis

WLBT USERRECORD-01 JACKSON Channel 30 ERP 535. kW HAAT 622.m RCAMSL 00716 m Latitude 032-12-49 Longitude 0090-22-56 Status AP? MS US

Zone 2 Border

Status APP

Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits Channel 30 ERP = 535.00 HAAT = 622.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	535.000	628.6	116.0
45.0	535.000	608.9	115.1
90.0	535.000	620.4	115.6
135.0	535.000	611.7	115.2
180.0	535.000	602.0	114.8
225.0	535.000	623.6	115.8
270.0	535.000	648.6	117.0
315.0	535.000	631.4	116.2

Evaluation toward Class A Stations

Contour overlap to Class A station WLFT-CA 30 BATON ROUGE LA BLTTA 20070813AFZ

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WLBT 30 JACKSON MS USERRECORD01

and station

SHORT TO: WLFT-CA 30 BATON ROUGE LA BDFCDTA 20080804ACM

030-22-50 0091-03-16

Req. separation 223.7 Actual separation 213.1 Short 10.6 km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Channel Call City/State ARN JACKSON MS USERRECORD01 \mathtt{WLBT}

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
30	TAIW	BIRMINGHAM AL	362.5	LIC	BLCDT	-20021219AAV
30	TAIW	BIRMINGHAM AL	362.5	PLN	DTVPLN	-DTVP1093
30	KLRT-TV	LITTLE ROCK AR	347.5	LIC	BLCDT	-20020507AAK
30	KLRT-TV	LITTLE ROCK AR	347.5	PLN	DTVPLN	-DTVP1094
30	WLFT-CA	BATON ROUGE LA	213.5	LIC	BLTTA	-20070813AFZ
30	WLFT-CA	BATON ROUGE LA	213.5	CP	BDFCDTA	-20080804ACM
30	KFOL-CA	HOUMA LA	293.4	CP MOD	BMPDTA	-20080804AEE
30	KFOL-CA	HOUMA LA	286.7	LIC	BLTTL	-19950329IC
30	KFOL-CA	HOUMA LA	291.3	APP	BMPDTA	-20090526AEG
30	KFOL-CA	HOUMA LA	293.4	APP	BPTTA	-20080411ABC
30	KVHP	LAKE CHARLES LA	371.2	PLN	DTVPLN	-DTVP1104
30	KVHP	LAKE CHARLES LA	371.2	CP	BPCDT	-19990714LD
31	KLAX-TV	ALEXANDRIA LA	216.9	CP	BPCDT	-20080617ADM
31	KLAX-TV	ALEXANDRIA LA	216.9	PLN	DTVPLN	-DTVP1141
31	WGBC	MERIDIAN MS	159.4	PLN	DTVPLN	-DTVP1148
31	WGBC	MERIDIAN MS	159.4	CP MOD	BMPCDT	-20070522AAR

Analysis of Interference to Affected Station 1

Analysis of current record City/State Call CICY/CI Application Ref. No. BLCDT -20021219AAV WIAT

Stations Potentially Affecting This Station

City/State Dist(km) Status Application Ref. No. 105.0 CP BPCDT -20080617ADT Chan Call 29 WBIH SELMA AL

```
104.9 PLN DTVPLN -DTVP1059
 29
   WBIH
             SELMA AL
                                                   BLCDT
     WVLT-TV KNOXVILLE TN
                                     381.7 LIC
381.7 PLN
                                                     BLCDT -20040420AAF
DTVPLN -DTVP1116
 3.0
 30
     WVLT-TV KNOXVILLE TN
 30
                                      381.7 CP
                                                     BPCDT
                                                              -20080618AAM
     WGBC MERIDIAN MS
WGBC MERIDIAN MS
                                      217.9 PLN DTVPLN -DTVP1148
217.9 CP MOD BMPCDT -20070522AAR
 31
              MERIDIAN MS
 31
           JACKSON MS
     WLBT
                                       362.5 APP USERRECORD-01
 30
 Total scenarios = 12
Result key: 1 Scenario 1 Affected station 1
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
                                             32961.0
  within Noise Limited Contour
                                  1724395
  not affected by terrain losses
                                 1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                  0.0
   lost to additional IX by ATV
                                      6264
                                                 753.5
   lost to ATV IX only
                                                 753.5
                                      6264
   lost to all IX
                                     6264
                                                 753.5
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                    20080617ADT CP
30A TN KNOXVILLE
                           BLCDT
                                    20040420AAF LIC
After Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                              POPULATION AREA (sq km)
   within Noise Limited Contour
                                 1724395
  not affected by terrain losses
                                 1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                  0.0
  lost to additional IX by ATV
                                      7173
                                                 801.9
                                                801.9
  lost to ATV IX only
                                     7173
                                                801.9
  lost to all IX
                                     7173
 Potential Interfering Stations Included in above Scenario
                           BPCDT
                                    20080617ADT CP
29A AL SELMA
                                    20040420AAF LIC
30A TN KNO>VILLE
                           BLCDT
30A MS JACKSON
                           USERRECORD01
                                                APP
Percent new IX = 0.0539%
Result key:
            2 Affected station 1
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0
                                             32961.0
  not affected by terrain losses
                                  1693417
                                               31764.3
  lost to NTSC IX
                                     0
                                                 0.0
  lost to additional IX by {\tt ATV}
                                                 753.5
                                     6264
  lost to ATV IX only
                                     6264
                                                 753.5
  lost to all IX
                                     6264
Potential Interfering Stations Included in above Scenario
                           BPCDT
                                   20080617ADT CP
29A AL SELMA
                          DTVPLN DTVP1116 PLN
30A TN KNOXVILLE
After Analysis
```

```
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  POPULATION AREA (sq km) within Noise Limited Contour 1724395
  HAAT 426.0 m, ATV ERP 1000.0 kW
  not affected by terrain losses
                                  1693417
                                              31764.3
                                 0
   Iost to NTSC IX
                                                 0.0
                                    7173
  lost to additional IX by ATV
                                                801.9
   lost to ATV IX only
                                     7173
                                                801.9
  lost to all IX
                                     7173
                                                801.9
Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                   20080617ADT CP
                          DTVPLN DTVP1116 PLN
30A TN KNOXVILLE
30A MS JACKSON
                          USERRECORD01
                                                APP
Percent new IX = 0.0539%
Result key: 3
Scenario 3 Affected station 1
Before Analysis
                                     BLCDT 20021219AAV LIC
Results for: 30A AL BIRMINGHAM
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION
                                           AREA (sq km)
                                            32961.0
  within Noise Limited Contour
                                1724395
  not affected by terrain losses
                                 1693417
                                              31764.3
  lost to NTSC IX
                                      Ω
                                                 0.0
                                     9816
  lost to additional IX by ATV
                                                773.7
  lost to ATV IX only
                                     9816
                                                773.7
  lost to all IX
                                     9816
Potential Interfering Stations Included in above Scenario
                                   20080617ADT CP
29A AL SELMA
                          BPCDT
30A TN KNOXVILLE
                          BPCDT
                                   20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                    BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION
                                           AREA (sq km)
                                            32961.0
  within Noise Limited Contour
                                1724395
  not affected by terrain losses
                                 1693417
                                              31764.3
  lost to NTSC IX
                                      0
                                                 0.0
                                   10725
  lost to additional IX by ATV
                                                822.0
  lost to ATV IX only
                                   10725
                                               822.0
  lost to all IX
                                   10725
                                               822.0
Potential Interfering Stations Included in above Scenario
                          BPCDT
                                   20080617ADT CP
30A TN KNOXVILLE
                          BPCDT
                                   20080618AAM CP
30A MS JACKSON
                          USERRECORD01
                                               APP
Percent new IX = 0.0540%
Result key:
                 4
           4 Affected station 1
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                    BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                              POPULATION AREA (sq km)
  within Noise Limited Contour
                               1724395
                                           32961.0
  not affected by terrain losses
                                 1693417
                                              31764.3
  lost to NTSC IX
                                     0
                                                 0.0
  lost to additional IX by ATV
                                    6144
                                                753.5
  lost to ATV IX only
                                    6144
                                               753.5
```

```
lost to all IX
                                     6144 753.5
Potential Interfering Stations Included in above Scenario
                          DTVPLN
                                    DTVP1059
                                    20040420AAF LIC
30A TN KNOVVILLE
                         BLCDT
After Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
   Within Moise Limited Contour
                                 1724395
                                             32961.0
  not affected by terrain losses
                                  1693417
                                               31764.3
  lost to NTSC IX
                                                  0.0
   lost to additional IX by {\tt ATV}
                                     7053
                                                801.9
  lost to ATV IX only
                                     7053
                                                801.9
  lost to all IX
                                     7053
                                                801.9
 Potential Interfering Stations Included in above Scenario
                          DTVPLN
                                    DTVP1059
29A AL SELMA
30A TN KNOXVILLE
                          BLCDT
                                    20040420AAF LIC
30A MS JACKSON
                          USERRECORD01
                                                APP
Percent new IX = 0.0539%
Result key:
            5
5 Affected station 1
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                              POPULATION AREA (sq km)
                                 1724395
                                            32961.0
  within Noise Limited Contour
                                              31764.3
  not affected by terrain losses
                                  1693417
  lost to NTSC IX
                                      Ω
                                                 0.0
  lost to additional IX by ATV
                                     6144
                                                753.5
  lost to ATV IX only
                                     6144
                                                753.5
  lost to all IX
                                     6144
 Potential Interfering Stations Included in above Scenario
                          DTVPLN DTVP1059
DTVPLN DTVP1116
29A AL SELMA
                                                PLN
30A TN KNOXVILLE
                                                PLN
After Analysis
                                     BLCDT 20021219AAV LIC
Results for: 30A AL BIRMINGHAM
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
  within Noise Limited Contour
                                 1724395
                                            32961.0
  not affected by terrain losses
                                 1693417
                                              31764.3
  lost to NTSC IX
                                      0
                                                  0.0
                                     7053
                                                801.9
  lost to additional IX by ATV
  lost to ATV IX only
                                     7053
                                                801.9
  lost to all IX
                                     7053
                                                801.9
Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          DTVPLN
                                   DTVP1059
                                                PLN
                                  DTVP1116
30A TN KNOXVILLE
                          DTVPLN
                                                PLN.
                          USERRECORD01
30A MS JACKSON
                                                APP
Percent new IX = 0.0539%
Result key: 6
Scenario 6 Affected station 1
Before Analysis
```

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Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
   not affected by terrain losses
                                  1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                 0.0
   lost to additional IX by ATV
                                     9696
                                                 773.7
   lost to ATV IX only
                                                 773.7
                                     9696
                                     9696
                                                 773.7
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                           DTVPLN
                                    DTVP1059
30A TN KNOXVILLE
                          BPCDT
                                    20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT
                                                20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
                                               31764.3
   not affected by terrain losses
                                  1693417
   lost to NTSC IX
                                      0
                                                 0.0
   lost to additional IX by ATV
                                    10605
                                                 822.0
  lost to ATV IX only
                                    10605
                                                822.0
   lost to all IX
                                    10605
                                                822.0
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          DTVPLN
                                    DTVP1059
30A TN KNOXVILLE
                          BPCDT
                                    20080618AAM CP
30A MS JACKSON
                          USERRECORD01
                                                APP
Percent new IX = 0.0540%
                 7
Result key:
           7 Affected station
Scenario
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT
                                                20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                              POPULATION AREA (sq km)
   within Noise Limited Contour
                                1724395
                                             32961.0
  not affected by terrain losses
                                  1693417
                                               31764.3
   lost to NTSC IX
                                                  0.0
                                     0
                                     6264
                                                 753.5
   lost to additional IX by ATV
   lost to ATV IX only
                                     6264
                                                 753.5
   lost to all IX
                                     6264
                                                753.5
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                    20080617ADT CP
                          BLCDT 20040420AAF LIC
30A TN KNOXVILLE
After Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT
                                                20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION
                                            AREA (sq km)
  within Noise Limited Contour
                                 1724395
                                             32961.0
  not affected by terrain losses
                                  1693417
                                               31764.3
   lost to NTSC IX
                                      0
                                                 0.0
                                     7173
                                                801.9
   lost to additional IX by ATV
  lost to ATV IX only
                                     7173
                                                801.9
  lost to all IX
                                     7173
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                    20080617ADT CP
30A TN KNOXVILLE
                                    20040420AAF LIC
                          BLCDT
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Percent new IX = 0.0539%
Result key: 8
Scenario 8 Affected station
Before Analysis
                                     BLCDT 20021219AAV LIC
Results for: 30A AL BIRMINGHAM
  HAAT 426.0 m, ATV ERP 1000.0 kW
                             POPULATION AREA (sq km)
   within Noise Limited Contour
                                 1724395
                                            32961.0
                                 1693417
  not affected by terrain losses
                                               31764.3
   lost to NTSC IX
                                       Ω
                                                 0.0
   lost to additional IX by ATV
                                     6264
                                                 753.5
   lost to ATV IX only
                                     6264
                                                 753.5
   lost to all IX
                                     6264
                                                 753.5
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           RPCDT
                                    20080617ADT CP
                           DTVPLN DTVP1116
30A TN KNOXVILLE
                                                 PLN
After Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (5q km)
  within Noise Limited Contour
                                  1724395
                                            32961.0
  not affected by terrain losses
                                 1693417
                                               31764.3
  lost to NTSC IX
                                       0
                                                  0.0
  lost to additional IX by ATV
                                     7173
                                                 801.9
                                     7173
                                                 801.9
   lost to ATV IX only
  lost to all IX
                                     7173
                                                 801.9
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                    20080617ADT CP
30A TN KNOXVILLE
                          DTVPLN
                                    DTVP1116
                                                 PLN
                          USERRECORD01
                                                A22
30A MS JACKSON
Percent new IX = 0.0539%
Result key: 9
Scenario 9 Affected station 1
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     BLCDT
                                                20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION AREA (sq km)
                                             32961.0
  within Noise Limited Contour
                                 1724395
  not affected by terrain losses
                                  1693417
                                               31764.3
  lost to NTSC IX
                                       n
                                                 0.0
                                                 773.7
  lost to additional IX by ATV
                                     9816
  lost to ATV IX only
                                     9816
                                                 773.7
  lost to all IX
                                     9816
                                                773.7
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                    20080617ADT CP
30A TN KNOXVILLE
                         BPCDT
                                    20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                       BLCDT
                                                20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
  within Noise Limited Contour 1724395 not affected by terrain losses 1693417
                                           AREA (sq km)
                                            32961.0
                                               31764,3
  lost to NTSC IX
                                                 0.0
```

USERRECORD01

APP

30A MS JACKSON

```
lost to additional IX by ATV
                                    10725
                                                 822.0
   lost to ATV IX only
                                     10725
                                                 822.0
   lost to all IX
                                     10725
                                                 822.0
 Potential Interfering Stations Included in above Scenario
                           BPCDT
29A AL SELMA
                                     20080617ADT CP
30A TN KNOXVILLE
                           BPCDT
                                    20080618AAM CP
30A MS JACKSON
                           USERRECORD01
                                                 APP
Percent new IX = 0.0540%
Result key: 10
Scenario 10 Affected station 1
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT
                                                 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION AREA (sq km)
1724395 32961.0
   within Noise Limited Contour
   not affected by terrain losses
                                   1693417
                                                31764.3
   lost to NTSC IX
                                       0
                                                   0.0
                                      6144
                                                 753.5
   lost to additional IX by ATV
   lost to ATV IX only
                                                 753.5
                                      6144
                                      6144
   lost to all IX
                                                 753.5
 Potential Interfering Stations Included in above Scenario
                                                          1.0
                           DTVPLN DTVP1059 25...
BIODT 20040420AAF LIC
29A AL SELMA
30A TN KNOXVILLE
After Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT
                                                 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION
                                            AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
   not affected by terrain losses
                                   1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                  0.0
                                      7053
   lost to additional IX by ATV
                                                 801.9
   lost to ATV IX only
                                      7053
                                                 801.9
   lost to all IX
                                      7053
Potential Interfering Stations Included in above Scenario
                           DTVPLN
                                   DTVP1059
29A AL SELMA
30A TN KNOXVILLE
                           BLCDT
                                  20040420AAF LIC
30A MS JACKSON
                           USERRECORD01
                                                 APP
Percent new IX = 0.0539%
Result key: 11
Scenario 11 Affected station 1
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      BLCDT 20021219AAV LIC
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION
                                            AREA (sq km)
                                             32961.0
                                   1724395
  within Noise Limited Contour
  not affected by terrain losses
                                   1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                  0.0
   lost to additional IX by ATV
                                      6144
                                                 753.5
  lost to ATV IX only
                                                 753.5
                                      6144
  lost to all IX
                                      6144
                                                 753.5
Potential Interfering Stations Included in above Scenario
                           DTVPLN
                                    DTVP1059
30A TN KNOXVILLE
                           DTVPLN
                                    DTVP1116
                                                 PLN
```

After Analysis Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC HAAT 426.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) 32961.0 within Noise Limited Contour 1724395 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0 0.0 7053 801.9 lost to additional IX by ATV lost to ATV IX only 7053 801.9 lost to all IX 7053 801.9 Potential Interfering Stations Included in above Scenario 11 29A AL SELMA DTVPLN DTVP1059 30A TN KNOXVILLE DTVPLN DTVP1116 PLN 30A MS JACKSON USERRECORD01 APP Percent new IX = 0.0539% Result key: 12 Scenario 12 Affected station 1 Before Analysis Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC HAAT 426.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0.0 lost to additional IX by ATV 9696 773.7 lost to ATV IX only 9696 773.7 9696 lost to all IX 773.7 Potential Interfering Stations Included in above Scenario 1.2 DTVPLN DTVP1059 29A AL SELMA 30A TN KNOXVILLE BPCDT 20080618AAM CP After Analysis Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC HAAT 426.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) 32961.0 within Noise Limited Contour 1724395 1693417 not affected by terrain losses 31764.3 lost to NTSC IX 0 0.0 lost to additional IX by ATV 10605 822.0 lost to ATV IX only 10605 822.0 lost to all IX 10605 822.0 Potential Interfering Stations Included in above Scenario DTVPLN DTVP1059 29A AL SELMA PI.N 30A TN KNOXVILLE BPCDT 20080618AAM CP 30A MS JACKSON USERRECORD01 Percent new IX = 0.0540% Worst case new IX 0.0540% Scenario

Analysis of Interference to Affected Station 2

Analysis of current record
Channel Call City/State
30 WIAT BIRMINGHAM AL Application Ref. No. DTVPLN -DTVP1093

Stations Potentially Affecting This Station

Stations Potentially Af	fecting Thi	s Station	n		
Chan Cal. City/State 29 WBIH SELMA AL 29 WBIH SELMA AL 30 WVLT-TV KNOXVILLE TN 30 WVLT-TV KNOXVILLE TN 30 WVLT-TV KNOXVILLE TN 31 WGBC MERIDIAN MS 31 WGBC MERIDIAN MS 30 WLBT JACKSON MS		105.0 104.9 381.7 381.7 381.7 217.9 217.9	CP PLN LIC PLN CP PLN CP MOD	BPCDT	on Ref. No. -20080617ADT -DTVP1059 -20040420AAF -DTVP1116 -20080618AAM -DTVP1148 -20070522AAR D-01
Total scenarios = 12					
Result key: 13 Scenario l Affected : Before Analysis					
Results for: 30A AL BIRMINGHA HAAT 426.0 m, ATV ERP 100	AM 00.0 kW	DTVPLN	DTVF	1093	PLN
within Noise Limited Content affected by terrain leads to NTSC IX lost to additional IX by a lost to ATV IX only lost to all IX Potential Interfering State	POPUL Dur 172 Disses 169	3417 0 6264 6264 6264	32961. 31764. 0. 753. 753. 753.	0 3 0 5 5 5	
				1	
29A AL SELMA 30A TN KNOXVILLE	BPCDT 2 BLCDT 2	0040420A	AF LIC		
After Analysis					
Results for: 30A AL BIRMINGH. HAAT 426.0 m, ATV ERP 100 within Noise Limited Conte not affected by terrain 10 lost to NTSC IX	00.0 kW				PLN
lost to NTSC IX lost to additional IX by a lost to ATV IX only lost to all IX	ATV	0 7173 7173 7173	801. 801.	9	
Potential Interfering Statio		d in abov	re Scena	rio l	
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON		0080617AI 0040420A# 1			
Percent new IX = 0.0539%					
Result key: 14 Scenario 2 Affected Before Analysis	station	2			
Results for: 30A AL BIRMINGH. HAAT 426.0 m, ATV ERP 10	00.0 kW	DTVPLN ATION :			PLN
within Noise Limited Control not affected by terrain leads to NTSC IX lost to additional IX by a lost to ATV IX only lost to all IX	osses 169	4395 3417 0 6264 6264 6264	32961. 31764. 0. 753. 753.	3 0 5 5	
Potential Interfering Static	ons Include				

### AL SELMA SELMA SELMA SELMA SELMA SELMA SELMA SOA TN KNOXVILLE Results for: 30A AL BIRMINGHAM BTUPIN DTVP1093 PIN HART 426.0 m, ATV ERP 1000.0 kW WITHIN NOISE Limited Contour not affected by terrain losses 1693417 31764.3 100x to NTSC IX SELMA SELM					
Results for: 30A AL BIRMINGHAM	29A AL SELMA 30A TN KNOXVILLE	BPCDT DTVPLN	20080617ADT DTVP1116	CP PLN	
### ##################################	After Analysis				
Potential Interfering Stations Included in above Scenario 2	115 5 M 4 14 0 - 3 M 1 PDD 1	000 0 1-7-7			PLN
29A AL SELMA BPCDT 20080617ADT CP	within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PC tour losses ATV	PPULATION ARE 1724395 1693417 3 0 7173 7173 7173	EA (sq km) 12961.0 11764.3 0.0 801.9 801.9 801.9	
30A TN KNOXVILLE	Potential Interfering Stat	ions Incl	uded in above	Scenario	2
Result key: 15 Scenario 3 Affected station 2 Before Analysis	30A TN KNOXVILLE	DTVPLN	DTVP1116	PLN	
Scenario 3 Affected station 2 Before Analysis	Percent new IX = 0.0539%				
POPULATION AREA (sq km) AREA (Scenario 3 Affected	station	2		
POPULATION AREA (sq km) AREA (Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kw	DTVPLN	DTVP1093	PLN
29A AL SELMA 30A TN KNOXVILLE BPCDT BPCDT 20080617ADT CP After Analysis Results for: 30A AL BIRMINGHAM HAAT 426.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) within Noise Limited Contour not affected by terrain losses 1693417 lost to NTSC IX lost to NTSC IX lost to additional IX by ATV lo725 lost to ATV IX only lost to all IX Potential Interfering Stations Included in above Scenario 29A AL SELMA 30A TN KNOXVILLE BPCDT 30A MS JACKSON BPCDT B	within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	PO tour losses ATV	PULATION ARE 1724395 3 1693417 3 0 9816 9816	A (sq km) 2961.0 1764.3 0.0 773.7 773.7	
After Analysis Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0 0.0 lost to additional IX by ATV 10725 822.0 lost to ATV IX only 10725 822.0 lost to all IX 10725 822.0 Potential Interfering Stations Included in above Scenario 3 29A AL SELMA BPCDT 20080617ADT CP 30A TN KNOXVILLE BPCDT 20080618AAM CP 30A MS JACKSON USERRECORD01 APP Percent new IX = 0.0540% Result key: 16 Scenario 4 Affected station 2 Before Analysis Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW	Potential Interfering Stat.	ions Incl	uded in above	Scenario	3
Results for: 30A AL BIRMINGHAM HAAT 426.0 m, ATV ERP 1000.0 kW Within Noise Limited Contour 1724395 32961.0 not affected by terrain losses 1693417 31764.3 lost to NTSC IX	29A AL SELMA 30A TN KNOXVILLE	BPCDT BPCDT	20080617ADT 20080618AAM	CP CP	
### POPULATION AREA (sq km) within Noise Limited Contour 1724395 32961.0 not affected by terrain losses 1693417 31764.3 lost to NTSC IX 0 0.0 lost to additional IX by ATV 10725 822.0 lost to ATV IX only 10725 822.0 lost to all IX 10725 822.0 Potential Interfering Stations Included in above Scenario 3 29A AL SELMA BPCDT 20080617ADT CP 30A TN KNOXVILLE BPCDT 20080618AAM CP 30A MS JACKSON USERRECORDO1 APP Percent new IX = 0.0540% Result key: 16 Scenario 4 Affected station 2 Before Analysis Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW	After Analysis				
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON Percent new IX = 0.0540% Result key: 16 Scenario 4 Affected station 2 Before Analysis Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW	within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	PO tour losses ATV	PULATION ARE 1724395 3 1693417 3 0 10725 10725	A (sq km) 2961.0 1764.3 0.0 822.0 822.0	PLN
30A TN KNOXVILLE 30A MS JACKSON BPCDT USERRECORDO1 Percent new IX = 0.0540% Result key: 16 Scenario 4 Affected station 2 Before Analysis Results for: 30A AL BIRMINGHAM DTVPLN HAAT 426.0 m, ATV ERP 1000.0 kW	Potential Interfering Stat	ions Incl	uded in above	Scenario	3
Result key: 16 Scenario 4 Affected station 2 Before Analysis Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW	30A TN KNOXVILLE	BPCDT	20080618AAM	CP	
Results for: 30A AL BIRMINGHAM DTVPLN DTVP1093 PLN HAAT 426.0 m, ATV ERP 1000.0 kW	Percent new IX = 0.0540%				
HAAT 426.0 m, ATV ERP 1000.0 kW	Result key: 16 Scenario 4 Affected Before Analysis	station	2		
		000.0 kW			PLN

within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses ATV	1724395 1693417 0 6144 6144 6144	32961.0 31764.3 0.0 753.5 753.5	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	4
29A AL SELMA 30A TN KNOXVILLE	DTVPLN BLCDT	DTVP1059 20040420A	PLN AF LIC	
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	111111 11 EW			PLN
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses	1724395 1693417 0 7053 7053	AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9	
lost to all IX		7053	801.9	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	4
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	DTVPLN BLCDT USERREC	DTVP1059 20040420A ORD01	PLN AF LIC APP	
Percent new IX = 0.05398	;			
Result key: 17 Scenario 5 Affected Before Analysis	l station	2		
<u>-</u>				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kW	DTVPLN	DTVP1093	PLN
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1 within Moise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	HAM 000.0 kW P Hour losses	DTVPLN 170PULATION 1724395 1693417 0 6144 6144 6144	DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5	FLN
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1 within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State	tour losses ATV	OPULATION 1724395 1693417 0 6144 6144 6144	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5	
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	patour losses ATV	OPULATION 1724395 1693417 0 6144 6144 6144 cluded in abo	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 ve Scenario PLN	
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State	patour losses ATV	OPULATION 1724395 1693417 0 6144 6144 6144 cluded in abo	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 ve Scenario PLN	
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE	patour losses ATV Tons Inc DTVPLN DTVPLN CHAM 000.0 kW	OPULATION 1724395 1693417 0 6144 6144 6144 Fluded in abo DTVP1059 DTVP1116	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 ve Scenario PLN PLN DTVP1093	
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE After Analysis Results for: 30A AL BIRMING	patour losses ATV ATV TONS INC DTVPLN DTVPLN CHAM 000.0 kW Putour losses	OPULATION 1724395 1693417 0 6144 6144 6144 Fluded in abo DTVP1059 DTVP1116	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 ve Scenario PLN PLN DTVP1093	5
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to ATV IX only lost to all IX Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE After Analysis Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP I within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	patour losses ATV Tons Inc DTVPLN DTVPLN CHAM 000.0 kW P atour losses	OPULATION 1724395 1693417 0 6144 6144 6144 fluded in abo DTVP1059 DTVP1116 DTVPLN OPULATION 1724395 1693417 0 7053 7053 7053	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 Ve Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9	5
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 29A AL SELMA 30A TN KNOXVILLE After Analysis Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP I within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	patour losses ATV Tons Inc DTVPLN DTVPLN CHAM 000.0 kW P atour losses	OPULATION 1724395 1693417 0 6144 6144 6144 cluded in abo DTVP1059 DTVP1116 DTVPLN 1724395 1693417 0 7053 7053 7053 7053 2010ed in abo DTVP1059 DTVP1116	AREA (sq km) 32961.0 31764.3 0.0 753.5 753.5 753.5 Ve Scenario PLN PLN DTVP1093 AREA (sq km) 32961.0 31764.3 0.0 801.9 801.9 801.9	5 PLN

```
Result key: 18
Scenario 6 Affected station
Before Analysis
Results for: 30A AL BIRMINGHAM
                                    DTVPLN DTVP1093
                                                             PLN
   HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION AREA (sq km)
   within Noise Limited Contour
                                 1724395
                                           32961.0
   not affected by terrain losses
                                  1693417
                                              31764.3
   lost to NTSC IX
                                       0
                                                 0.0
   lost to additional IX by ATV
                                                773.7
   lost to ATV IX only
                                     9696
                                                773.7
   lost to all IX
                                                773.7
                                     9696
Potential Interfering Stations Included in above Scenario
                          DTVPLN
                                    DTVP1059
30A TN KNOXVILLE
                          BPCDT
                                   20080618AAM CP
After Analysis
Results for: 30A AL BIRMINGHAM
                                     DTVPLN DTVP1093
                                                            PLN
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION
                                           AREA (sq km)
                                            32961.0
  within Noise Limited Contour
                                 1724395
  not affected by terrain losses
                                  1693417
                                              31764.3
  lost to NTSC IX
                                      Ω
                                                 0.0
                                    10605
   lost to additional IX by ATV
                                                822.0
   lost to ATV IX only
                                    10605
                                                822.0
  lost to all IX
                                    10605
                                               822.0
Potential Interfering Stations Included in above Scenario
                          DTVPLN
                                    DTVP1059
29A AL SELNA
30A TN KNOXVILLE
                          BPCDT
                                   20080618AAM CP
30A MS JACKSON
                          USERRECORD01
                                                APP
Percent new IX = 0.0540%
Result key:
                19
           19
7 Affected station
Scenario
Before Analysis
                                     DTVPLN DTVP1093
Results for: 30A AL BIRMINGHAM
                                                            PLN
  POPULATION AREA (sq km) within Noise Limited Contour 1724395
  HAAT 426.0 m, ATV ERP 1000.0 kW
  not affected by terrain losses
   lost to NTSC IX
                                     0
                                                0.0
   lost to additional IX by ATV
                                     6264
                                                753.5
                                                753.5
  lost to ATV IX only
                                     6264
  lost to all IX
                                     6264
Potential Interfering Stations Included in above Scenario
29A AL SELMA
                          BPCDT
                                    20080617ADT CP
30A TN KNOXVILLE
                          BLCDT
                                   20040420AAF LIC
After Analysis
                                     DTVPLN DTVP1093
Results for: 30A AL BIRMINGHAM
                                                            PT.N
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION
                                           AREA (sq km)
                                 1724395
  within Noise Limited Contour
                                            32961.0
  not affected by terrain losses
                                 1693417
                                              31764.3
                                             0.0
  lost to NTSC IX
                                     0
                                     7173
  lost to additional IX by ATV
                                                801.9
  lost to ATV IX only
                                     7173
                                               801.9
  lost to all IX
                                     7173
                                                801.9
```

Potential Interfering Stat.	ions Incl	uded in above	Scenario	7
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	BPCDT BLCDT	20080617ADT 20040420AAF	CP LIC	
30A MS JACKSON	USERRECC	RD01	APP	
Percent new IX = 0.0539%				
Result key: 20 Scenario 8 Affected Before Analysis	station	2		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 10	HAM 000.0 kw	DTVPLN	DTVP1093	PLN
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	PC	PULATION ARE	CA (sq km)	
within Noise Limited Con	tour	1724395 3 1603417 3	32961.0	
lost to NTSC IX	tosses	0	0.0	
lost to additional IX by	ATV	6264	753.5	
lost to ATV IX only		6264	753.5	
lost to all IX		6264	753.5	
Potential Interfering Stat	ions Incl	uded in above	Scenario	8
29A AL SELMA 30A TN KNOXVILLE	BPCDT DTVPLN	20080617ADT DTVP1116	CP PLN	
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kw	DTVPLN	DTVP1093	PLN
	. ₽0	PULATION ARE	CA (sq km)	
within Noise Limited Con	tour	1/24395	1261.0	
not affected by terrain .	Losses	1693417 3	0.0	
lost to additional IX by	עזייע	7173	801 9	
lost to ATV IX only	AI v	7173	801.9	
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		7173	801.9	
Potential Interfering Stat:				B
29A AL SELMA	BFCDT	20080617ADT	CP	
30A TN KNOXVILLE	DTVPLN	DTVP1116	PLN	
29A AL SELMA 30A TN KNOXVILLE 30A MS JACKSON	USERREÇO	RD01	APP	
Percent new IX = 0.0539%				
Result key: 21				
Result key: 21 Scenario 9 Affected Before Analysis	station	2		
Results for: 30A AL BIRMING! HAAT 4.26.0 m, ATV ERP 10		DTVPLN	DTVP1093	PLN
MAAT 420.0 M, ATV ERE TO		PULATION ARE	(sq km)	
within Noise Limited Cont			2961.0	
not affected by terrain			31764.3	
lost to NTSC IX		0	0.0	
lost to additional IX by	VTA	9816	773.7	
lost to ATV IX only		9816	773.7	
lost to all IX		9816	773.7	
Potential Interfering Stat:	ions Incl	uded in above	Scenario	9
29A AL SELMA	BPCDT	20080617ADT	CP	
30A TN KNOXVILLE	BPCDT	20080618AAM	CP	
After Analysis				
Results for: 30A AL BIRMING	HAM	DTVPLN	DTVP1093	PLN

```
HAAT 426.0 m, ATV ERP 1000.0 kW
                                 POPULATION
                                            AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
   not affected by terrain losses
                                  1693417
                                               31764.3
                                                  0.0
   lost to NTSC IX
                                       0
   lost to additional IX by ATV
                                     10725
                                                 822.0
   lost to ATV IX only
                                    10725
                                                822.0
   lost to all IX
                                    10725
                                                822.0
 Potential Interfering Stations Included in above Scenario
29A AL SELMA
                           BPCDT
                                     20080617ADT CP
30A TN KNOXVILLE
                           BPCDT
                                    20080618AAM CP
30A MS JACKSON
                           USERRECORD01
                                               APP
Percent new IX = 0.0540%
Result key: 22
Scenario 10 Affected station 2
Before Analysis
Results for: 30A AL BIRMINGHAM
                                      DTVPLN DTVP1093
                                                              PI.N
   HAAT 426.0 m, ATV ERP 1000.0 kW
   POPULATION within Moise Limited Contour 1724395
                                            AREA (sq km)
                                             32961.0
   not affected by terrain losses
                                               31764.3
   lost to NTSC IX
                                     0
                                                 0.0
                                                 753.5
                                     6144
   lost to additional IX by ATV
   lost to ATV IX only
                                     6144
                                                 753.5
   lost to all IX
                                     6144
                                                753.5
Potential Interfering Stations Included in above Scenario
                                                          1.0
                           DTVPLN DTVP1059 PLN BLCDT 20040420AAF LIC
29A AL SELMA
30A TN KNOXVILLE
After Analysis
Results for: 30A AL BIRMINGHAM
                                     DTVPLN DTVP1093
                                                             PLN
  HAAT 426.0 m, ATV ERP 1000.0 kW
                                POPULATION
                                            AREA (sq km)
                                             32961.0
   within Noise Limited Contour
                                  1724395
                                  1693417
   not affected by terrain losses
                                               31764.3
   lost to NTSC IX
                                                  0.0
                                       0
   lost to additional IX by ATV
                                     7053
                                                 801.9
   lost to ATV IX only
                                     7053
                                                801.9
   lost to all IX
                                     7053
                                                801.9
Potential Interfering Stations Included in above Scenario
                                                            10
                                    DTVP1059
29A AL SELMA
30A TN KNOXVILLE
                                    20040420AAF LIC
                           BLCDT
30A MS JACKSON
                           USERRECORD01
                                                 APP
Percent new IX = 0.0539%
Result key: 23
Scanario 11 Affected station
Before Analysis
Results for: 30A AL BIRMINGHAM
                                     DTVPLN DTVP1093
                                                             PI.N
  HAAT 426.0 m, ATV ERP 1000.0 kW
                               POPULATION
                                            AREA (sq km)
                                            32961.0
                                 1724395
   within Noise Limited Contour
   not affected by terrain losses
                                  1693417
                                               31764.3
   lost to NTSC IX
                                       0
                                                  0.0
   lost to additional IX by ATV
                                     6144
                                                 753 5
   lost to ATV IX only
                                    6144
                                                 753.5
   lost to all IX
                                     6144
                                                 753.5
```

Potential Interfering Stat	ions Incl	luded in abov	ve Scenario	11
29A AL SELMA 30A TN KNOXVILLE	DTVPLN DTVPLN	DTVP1059 DTVP1116	PLN PLN	
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kw	DTVPLN	DTVP1093	PLN
	. PC	OPULATION A	AREA (sq km)	
within Noise Limited Con not affected by terrain	losses	1724395	32961.0	
lost to NTSC IX	103363	0	0.0	
lost to additional IX by	ATV	7053	801.9	
lost to ATV IX only		7053	801.9	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		7053	801.9	
Potential Interfering Stat	ions Incl	luded in abov	ve Scenario	11
29A AL SELMA	DTVPLN			
30A TN KNOXVILLE 30A MS JACKSON	DTVPLN USERRECO		PLN APP	
SUA MS UACKSON	USERRECC	DRDUI	APP	
Percent new IX = 0.0539%				
Result key: 24				
Scenario 12 Affected Before Analysis	station	2		
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	000.0 kW			PLN
within Noise Limited Con	PC	PULATION A	AREA (sq km)	
within Noise Limited Con	tour	1724395	32961.0	
not affected by terrain	ıosses	1693417	0.0	
lost to additional IX by	ATV	9696	773.7	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		9696	773.7	
lost to all IX		9696	773.7	
Potential Interfering Stat	ions Incl	uded in abov	ve Scenario	12
29A AL SELMA	DTVPLN	DTVP1059	PLN	
29A AL SELMA 30A TN KNOXVILLE	BPCDT	20080618A	M CP	
After Analysis				
Results for: 30A AL BIRMING HAAT 426.0 m, ATV ERP 1	HAM 000.0 kW	DTVPLN	DTVP1093	PLN
	PC	OPULATION A	AREA (sq km)	
within Noise Limited Con not affected by terrain	tour	1724395	32961.0	
lost to NTSC IX	iosses	1093411	31764.3 0.0	
lost to additional IX by	ATV	10605	822.0	
lost to ATV IX only		10605	822.0	
lost to all IX		10605	822.0	
Potential Interfering Stat	ions Incl	uded in abov	ve Scenario	12
29A AL SELMA	DTVPLN	DTVP1059	PLN	
30A TN KNOXVILLE	BPCDT		• -	
30A MS JACKSON	USERRECO	DRD01	APP	
Percent new IX = 0.0540%				
Worst case new IX 0.0540	% Scenari	.0 3		
#####################	*	*	* # # # # # # # # # # # # #	*

	current record Call City/S LRT-TV LITTLE ROCK	
Station	s Potentially Affecti	ing This Station
•	City/State HARRISON AR HARRISON AR JACKSON MS uses no interference	Dist(km) Status Application Ref. No. 218.0 CP BPCDT -20080331AE 218.0 PLN DTVPLN -DTVP1125 347.5 APP USERRECORD-01
#########	######################################	*************
Analysı	s of Interference to	Affected Station 4
Channel	current record Call City/S LRT-TV LITTLE ROCK	
Station	s Potentially Affecti	ing This Station
Chan Call 31 KWBM 31 KWBM 30 WLBT Proposal ca	City/State HARRISON AR HARRISON AR JACKSON MS Uses no interference	Dist(km) Status Application Ref. No. 218.0 CP BPCDT -20080331AE 218.0 PLN DTVPLN -DTVP1125 347.5 APP USERRECORD-01
Analysis of	s of Interference to current record Call City/S	
	LFT-CA BATON ROUGE	
Station	s Potentially Affecti	ng This Station
Chan Call 23 KLPB-T 23 KLPB-T 26 WGNO		Dist(km) Status Application Ref. No. 118.0 LIC BLEDT -20031117ACC 118.0 PLN DTVPLN -DTVP0842 115.0 CP MOD BMPCDT -20080620ACC
26 WGNO 28 KATC 28 KATC	A HOUMA LA A HOUMA LA A HOUMA LA LAKE CHARLES LA LAKE CHARLES LA NATCHEZ MS V NEW ORLEANS LA V NEW ORLEANS LA BATON ROUGE LA	115.8 PLN DTVPLN -DTVP0952 118.7 PLN DTVPLN -DTVP1033 118.7 CP MOD BMPCDT -20060906AAI 116.3 APP BPRM -20090528AFF 116.3 LIC BLCDT -20050614AAI 88.6 LIC BLTL -19950329IC 92.7 APP BMPDTA -20090526AEG 92.6 APP BPTTA -20080411ABG 242.1 PLN DTVPLN -DTVP1104 242.1 CP BPCDT -19990714LD 122.0 CP BPTTL -20070706ACG 114.7 PLN DTVPLN -DTVP1142 22.2 PLN DTVPLN -DTVP1142 22.2 LIC BLCDT -20051221AOG 22.1 PLN DTVPLN -DTVP1614

Analysis of Interference to Affected Station 6

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Analysis of current record

Channel Call City/State Application Ref. No.

30 WLFT-CA BATON ROUGE LA BDFCDTA -20080804ACM
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
29	WVUEDR	NEW ORLEANS LA	116.3	APP	BPRM	-20090528AFA
29	WVUEDT	NEW ORLEANS LA	116.3	LIC	BLCDT	-20050614AAH
30	KVHP	LAKE CHARLES LA	242.1	PLN	DTVPLN	-DTVP1104
30	KVHP	LAKE CHARLES LA	242.1	CP	BPCDT	-19990714LD
31	KLAX-TV	ALEXANDRIA LA	194.0	CP	BPCDT	-20080617ADM
31	KLAX-TV	ALEXANDRIA LA	194.0	PLN	DTVPLN	-DTVP1141
31	WLAE-TV	NEW ORLEANS LA	114.7	CP MOD	BMPEDT	-20080312ACH
31	WLAE-TV	NEW ORLEANS LA	114.7	PLN	DTVPLN	-DTVP1142
30	WLBT	JACKSON MS	213.5	APP	USERRECORI	0-01
Proposal causes no interference						

Analysis of Interference to Affected Station 7

Analysis of current record
Channel Call City/State Application Ref. No.
30 KFOL-CA HOUMA LA BMPDTA -20080804AEE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
2 9	WVUE - DR	NEW ORLEANS LA	86.4	APP	BPRM	-20090528AFA
29	WVUE-DT	NEW ORLEANS LA	86.4	LIC	BLCDT	-20050614AAH
30	KVHP	LAKE CHARLES LA	283.7	PLN	DTVPLN	-DTVP1104
30	KVHP	LAKE CHARLES LA	283.7	CP	BPCDT	-19990714LD
31	WLAE-TV	NEW ORLEANS LA	87.7	CP MOD	BMPEDT	-20080312ACH
31	WLAE-TV	NEW ORLEANS LA	87.7	PLN	DTVPLN	-DTVP1142
30	WLBT	JACKSON MS	293.4	APP	USERRECORD-01	
Proposal causes no interference						

Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
30 KFOL-CA HOUMA LA BLTTL -19950329IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
26	WGNO	NEW ORLEANS LA	80.8	CP MOD	BMPCDT	-20080620ACU
26	WGNO	NEW ORLEANS LA	78.4	PLN	DTVPLN	-DTVP0952
29	WVUE-DR	NEW ORLEANS LA	79.4	APP	BPRM	-20090528AFA
29	WVUE-DT	NEW ORLEANS LA	79.4	LIC	BLCDT	-20050614AAH
30	WLFT-CA	BATON ROUGE LA	88.6	LIC	BLTTA	-20070813AFZ
30	KVHP	LAKE CHARLES LA	286.7	PLN	DTVPLN	-DTVP1104
30	KVHP	LAKE CHARLES LA	286.7	CP	BPCDT	-19990714LD
31	WLAE-TV	NEW ORLEANS LA	80.5	CP MOD	BMPEDT	-20080312ACH
31	WLAE-TV	NEW ORLEANS LA	80.5	PLN	DTVPLN	-DTVP1142
34	WVLA	BATON ROUGE LA	94.0	PLN	DTVPLN	-DTVP1255
34	WVLA-TV	BATON ROUGE LA	94.0	LIC	BLCDT	-20051221A00
45	WGMB	BATON ROUGE LA	94.1	PLN	DTVPLN	-DTVP1614
45	WGMB-TV	BATON ROUGE LA	94.1	LIC	BLCDT	-20060103ACW

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30 WLBT JACKSON MS
                                        286.7 APP USERRECORD-01
 Proposal causes no interference
**************
     Analysis of Interference to Affected Station 9
Analysis of current record
Channel Call City/State
30 KFOL-CA HOUMA LA
                                            Application Ref. No.
                                                 BMPDTA -20090526AEG
     Stations Potentially Affecting This Station
Chan
      Cal.
                City/State
                                       Dist(km) Status Application Ref. No.
                                          81.6 APP
                                                         BPRM -20090528AFA
BLCDT -20050614AAH
 29 WVUE--DR NEW ORLEANS LA
 29 WVUE--DT NEW ORLEANS LA
                                           81.6 LIC
      KVHP LAKE CHARLES LA
                                           287.7 PLN
                                                         DTVPLN
 30
                                                                   -DTVP1104
 30 KVHP
               LAKE CHARLES LA
                                          287.7 CP
                                                         BPCDT
                                                                  -19990714LD
                                          82.9 CP MOD BMPEDT
 31 WLAE-TV NEW ORLEANS LA
31 WLAE-TV NEW ORLEANS LA
                                                                   -20080312ACH
                                           82.9 PLN DTVPLN
                                                                 -DTVP1142
                                                        USERRECORD-01
                                         291.3 APP
 30 WLBT JACKSON MS
 Proposal causes no interference
Analysis of Interference to Affected Station 10
Analysis of current record

Channel Call City/State Application Ref. No.

RPTTA -200804
                       HOUMA LA
                                                 BPTTA -20080411ABC
     Stations Potentially Affecting This Station
Chan
      Call
                 City/State
                                       Dist(km) Status Application Ref. No.
      WGNO
              NEW ORLEANS LA
                                        88.0 CP MOD BMPCDT -20080620ACU
 26
     WGNO NEW ORLEANS LA
WVUE-DR NEW ORLEANS LA
WVUE-DT NEW ORLEANS LA
WLFT-CA BATON ROUGE LA
                                           85.5 PLN DTVPLN
86.4 APP BPRM
                                                                   -DTVP0952
 26
                                                                  -20090528AFA
                                           86.4 APP
 2.9
                                          86.4 LIC BLCDT -20050614AAH
92.6 LIC BLTTA -20070813AFZ
92.6 CP BDFCDTA -20080804ACM
283.7 PLN DTVPLN -DTVP1104
283.7 CP BPCDT -19990714LD
 29
 30
      WLFT~CA BATON ROUGE LA
            LAKE CHARLES LA
LAKE CHARLES LA
                                         283.7 PLN
283.7 CP
 30
      KVHP
 30
      KVHP
      WLAE-TV NEW ORLEANS LA
WLAE-TV NEW ORLEANS LA
                                         87.7 CP MOD BMPEDT
87.7 PLN DTVPLN
                                                                   -20080312ACH
 31
                                                                  -DTVP1142
 31
                                          96.4 PLN DTVPLN
96.4 LIC BLCDT
96.4 PLN DTVPLN
      WVLA BATON ROUGE LA WVLA-TV BATON ROUGE LA
 34
                                                       DTVPLN
                                                                   -DTVP1255
                                                                   -20051221A00
 34
      WGMB BATON ROUGE LA
                                                                   -DTVP1614
                                         96.4 LIC
293.4 APP
 45
      WGMB-TV BATON ROUGE LA
                                                        BLCDT
                                                                   -20060103ACW
                                                       USERRECORD-01
              JACKSON MS
 30
      WLBT
 Proposal causes no interference
**************************
     Analysis of Interference to Affected Station 11
Analysis of current record
Channel Call City/State Application Ref. No. 30 KVHP LAKE CHARLES LA DTVPLN -DTVPl1
                                             DTVPLN -DTVP1104
    Stations Potentially Affecting This Station
                                       Dist(km) Status Application Ref. No.
Chan Call
                 City/State
 30 KMPX
30 KMPX
                                       410.7 PLN DTVPLN -DTVP1117
410.7 LIC BLCDT -20060317
               DECATUR TX
            DECATUR TX
                                                                  -20060317AGE
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